



# FEMA



Prepared by  
*Ansley Long*

# FEMA Region 6 Weather Threat Briefing

Wednesday April 19, 2023

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



# Summary of the Upcoming Week

- **Elevated to critical fire weather conditions for NM, W TX, W OK through Thursday.**
- **Isolated to scattered severe thunderstorms capable of damaging wind and large hail across NW/W TX, W/Ctrl OK today; E/Ctrl TX, AR, NW LA Thursday; and SE TX, SW LA on Friday.**
- **Locally heavy rainfall leading to isolated to scattered flash flooding for NE TX, AR, SE OK, NW LA on Thursday and E TX, LA, SE AR on Friday.**
- **River flooding in AR, LA, E TX. Impacts to secondary roads, bridges, & agricultural/ recreational/ lowland areas.**



# FEMA Region 6 Threat Matrix

Apr 19, 2023 - Apr 23, 2023

| DAY / THREAT                | Wed                | Thu                     | Fri             | Sat    | Sun    |
|-----------------------------|--------------------|-------------------------|-----------------|--------|--------|
| Severe Storms               | Ctrl/W OK, NW/W TX | E/Ctrl TX, AR, NW LA    | SE TX, SW LA    |        |        |
| Heavy Rain / Flash Flooding |                    | NE TX, AR, SE OK, NW LA | E TX, LA, SE AR |        |        |
| Fire Weather                | NM, W TX, W OK     | NM, W TX, W OK          |                 |        |        |
| Tropical Winds / Surge      |                    |                         |                 |        |        |
| River Flooding              | AR, LA, E TX       | AR, LA                  | AR, LA          | AR, LA | AR, LA |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

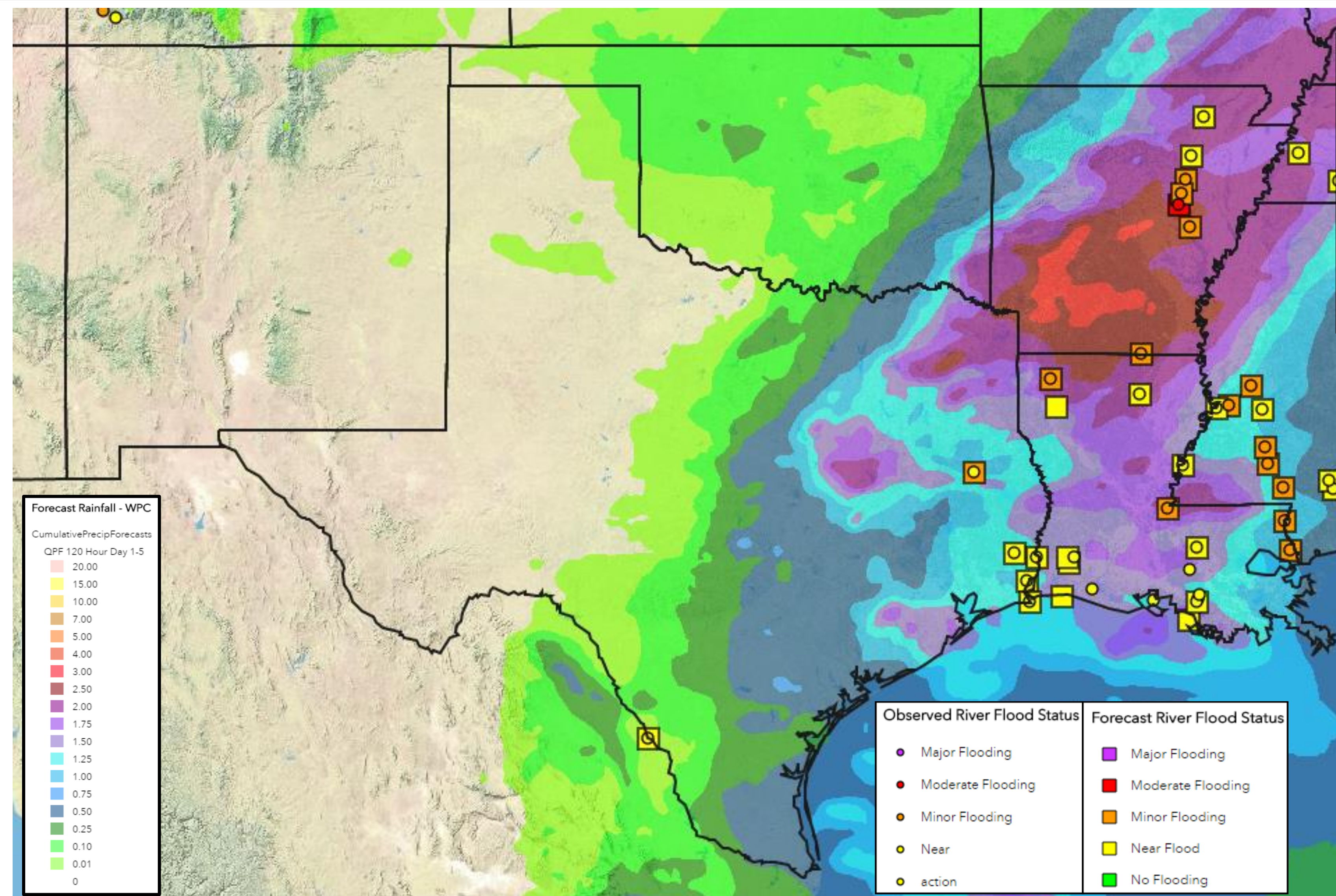
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*





# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**River flooding in AR, LA, E TX.**

**Impacts to secondary roads, bridges & agricultural/recreational/lowland areas.**

**Forecast rainfall may lead to additional flooding.**

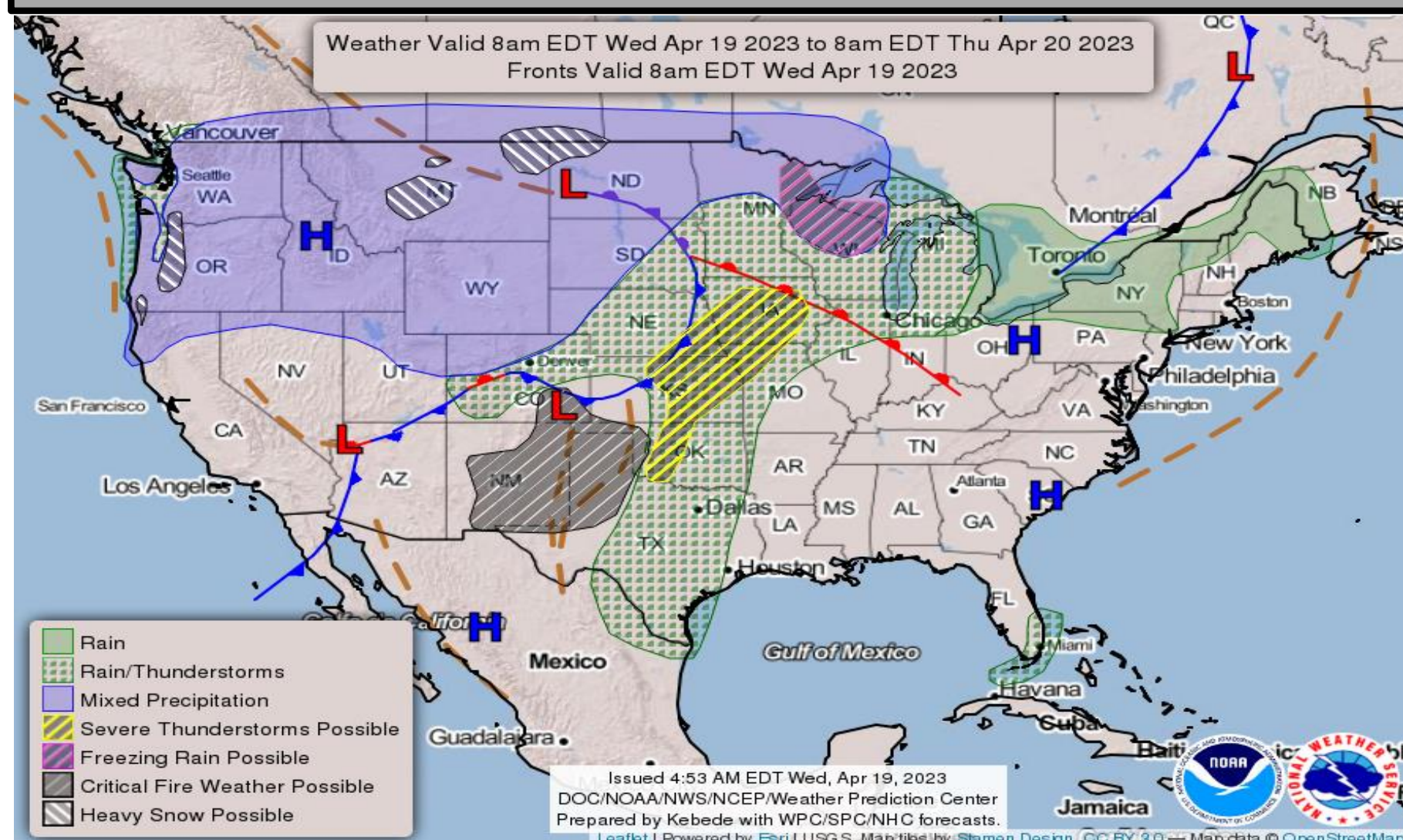
<http://water.weather.gov/ahps> for latest river flooding



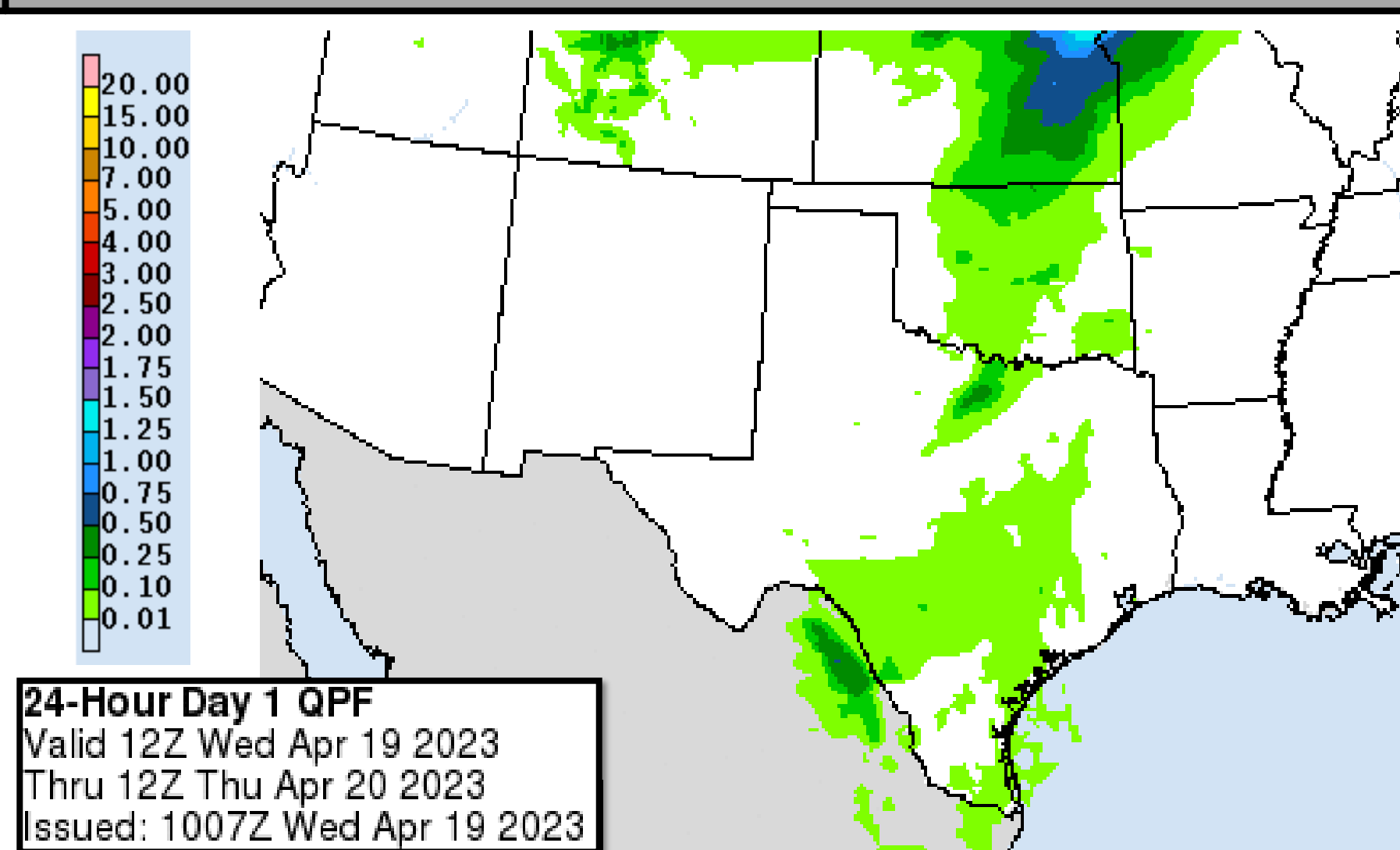


# Today's Weather

## Forecast Chart



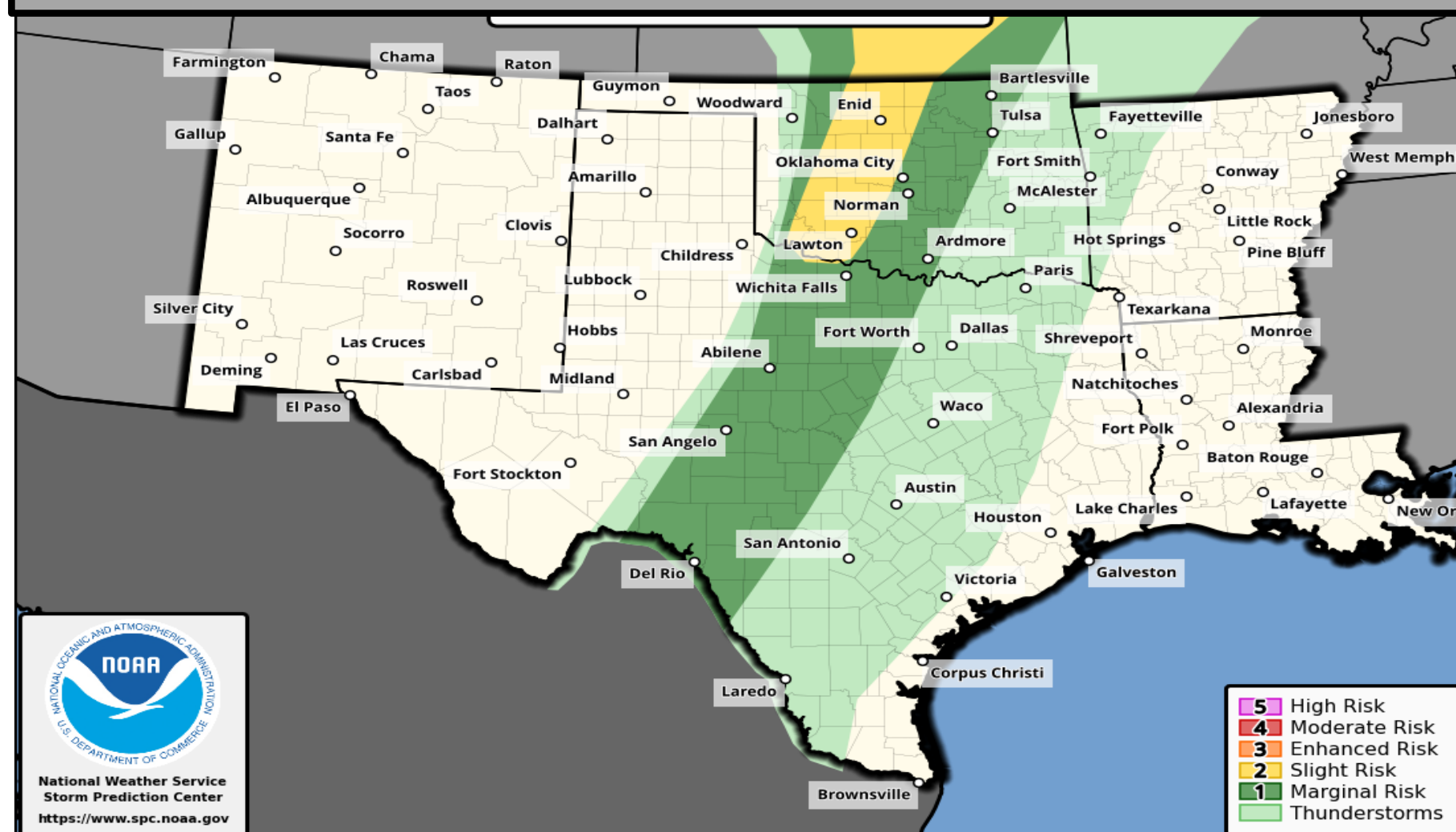
## Forecast Rainfall



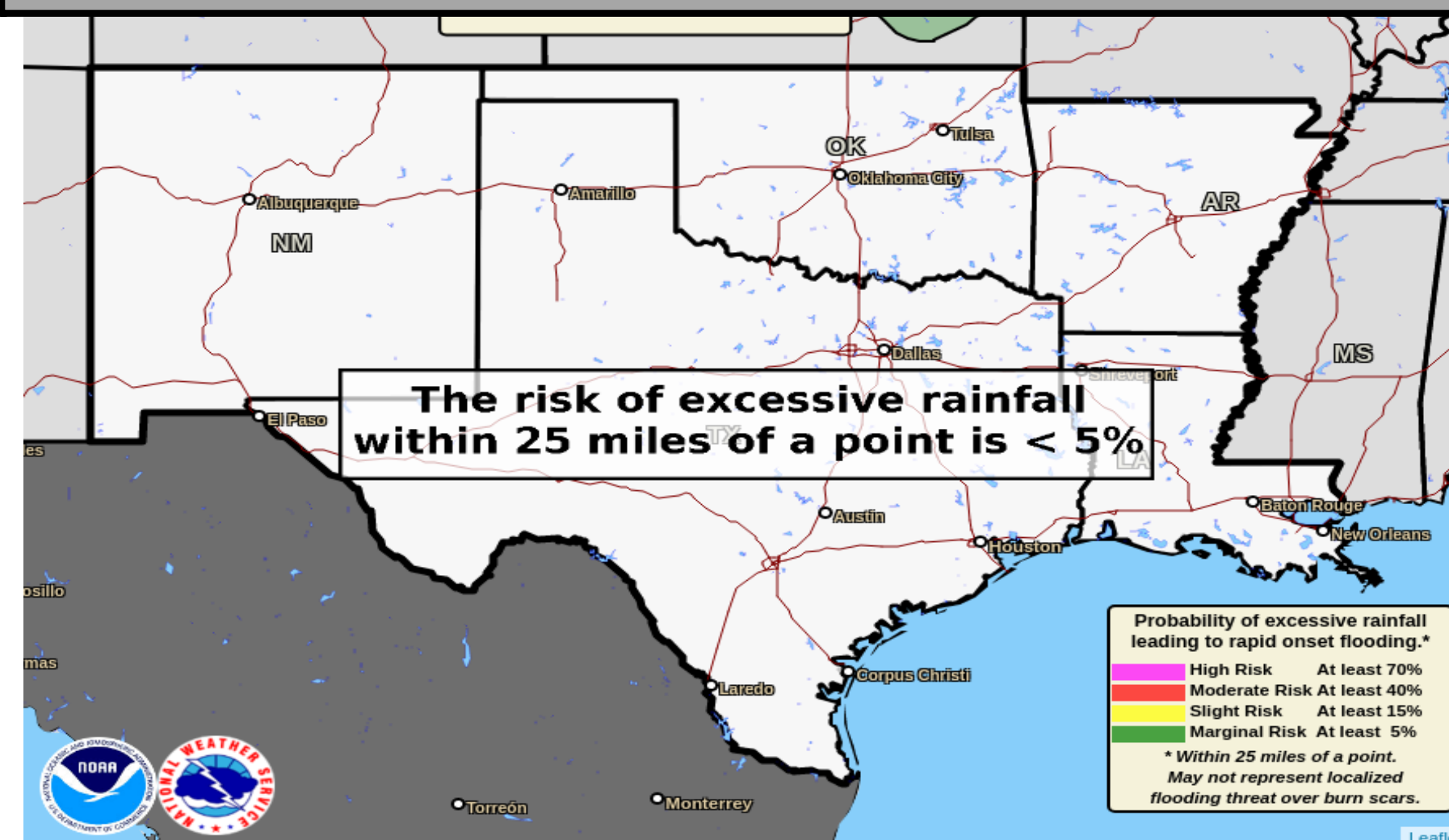
**Elevated to critical fire weather for NM, W TX, W OK**

**Scattered severe thunderstorms (large hail 2" or greater/wind) across Ctrl/W OK, NW/W TX**

## Severe Weather Outlook



## Excessive Rainfall Outlook

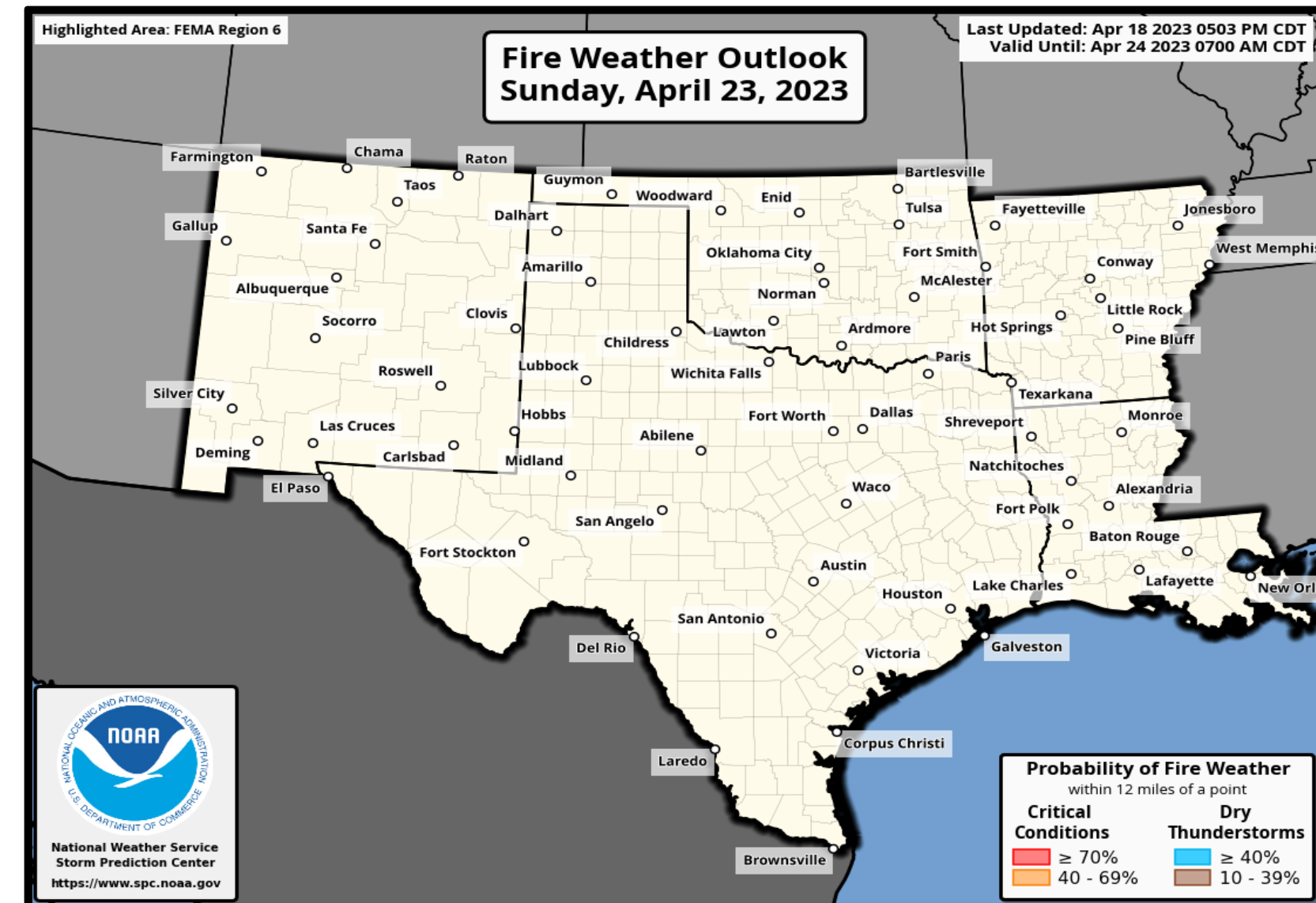
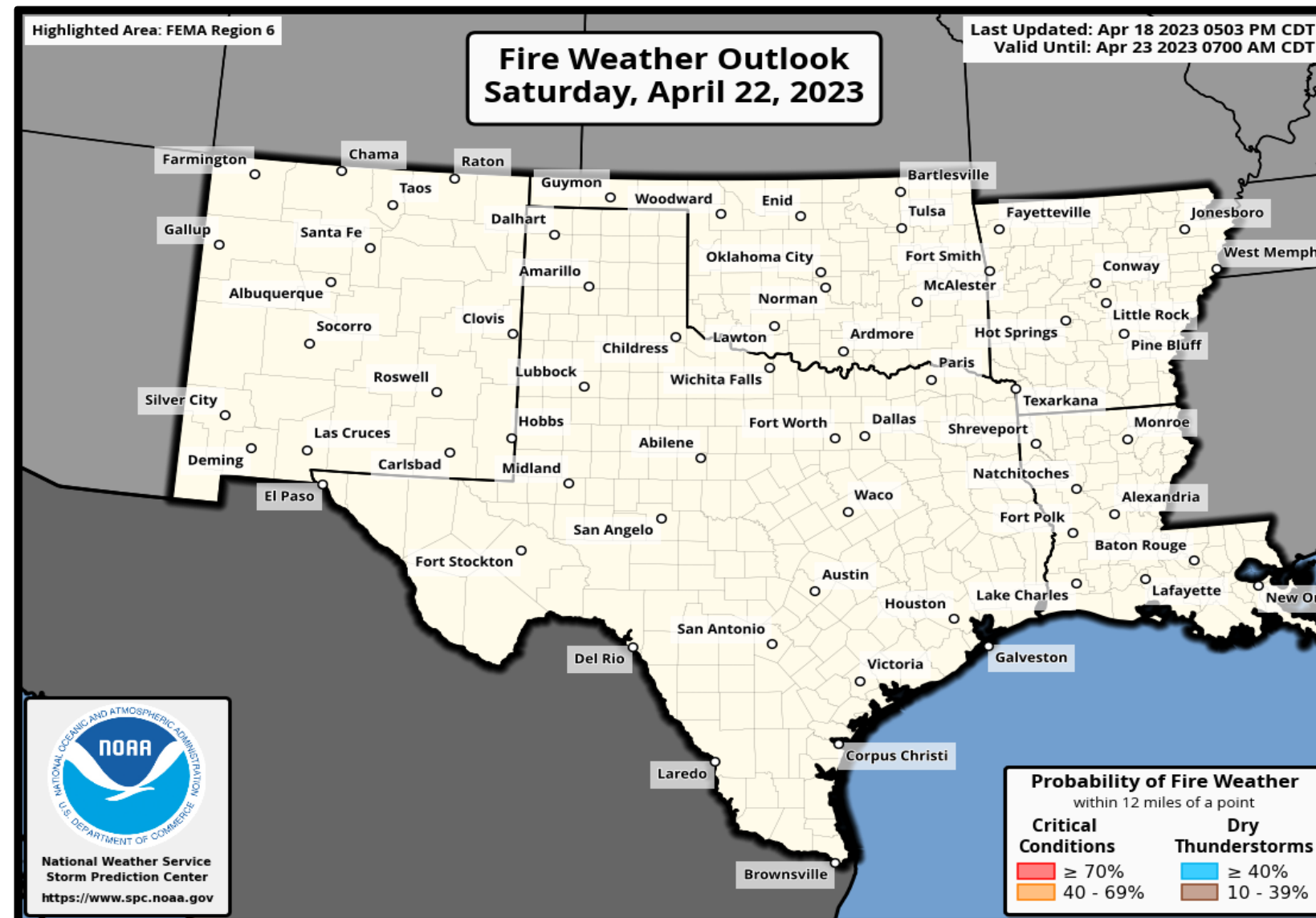
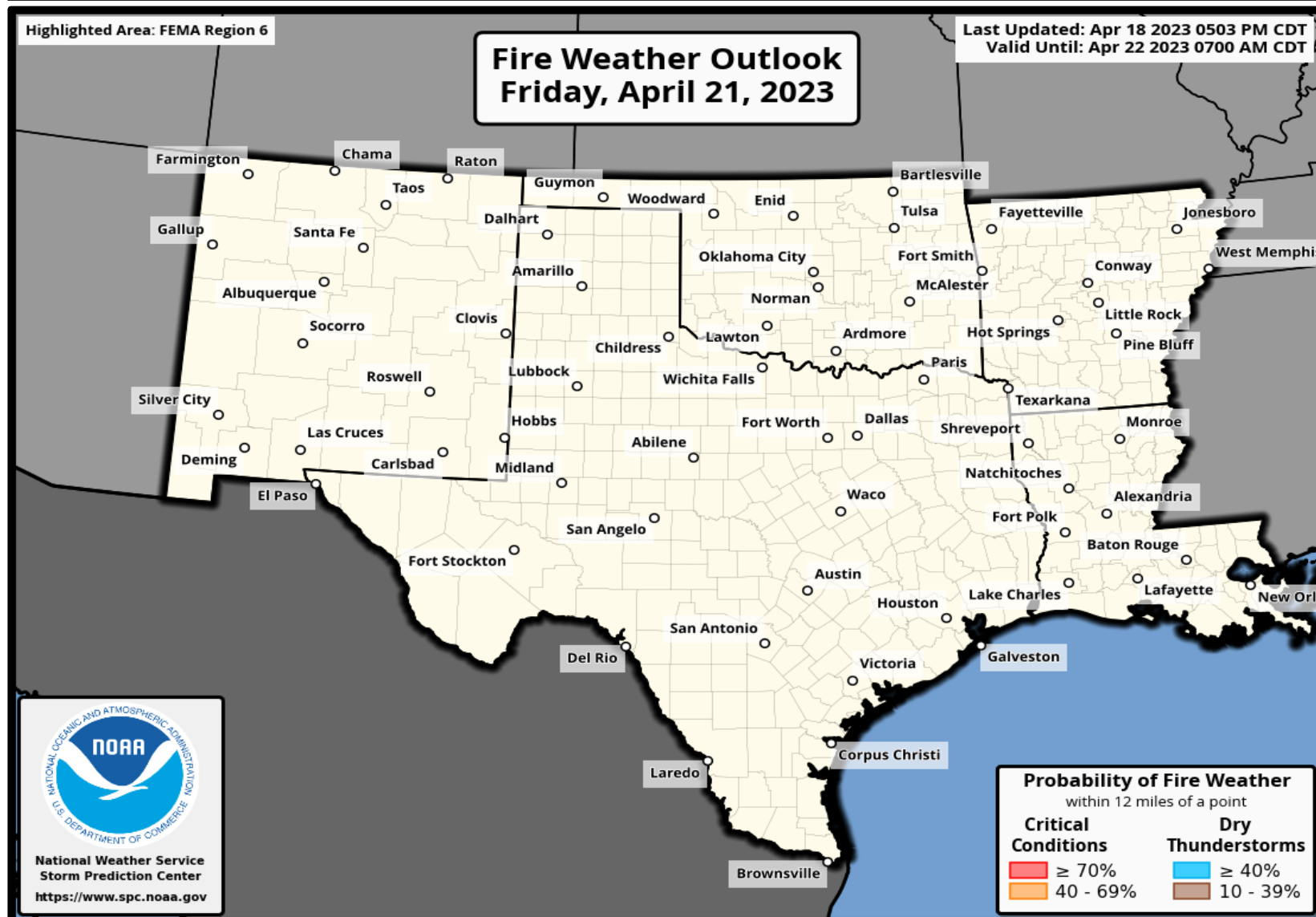
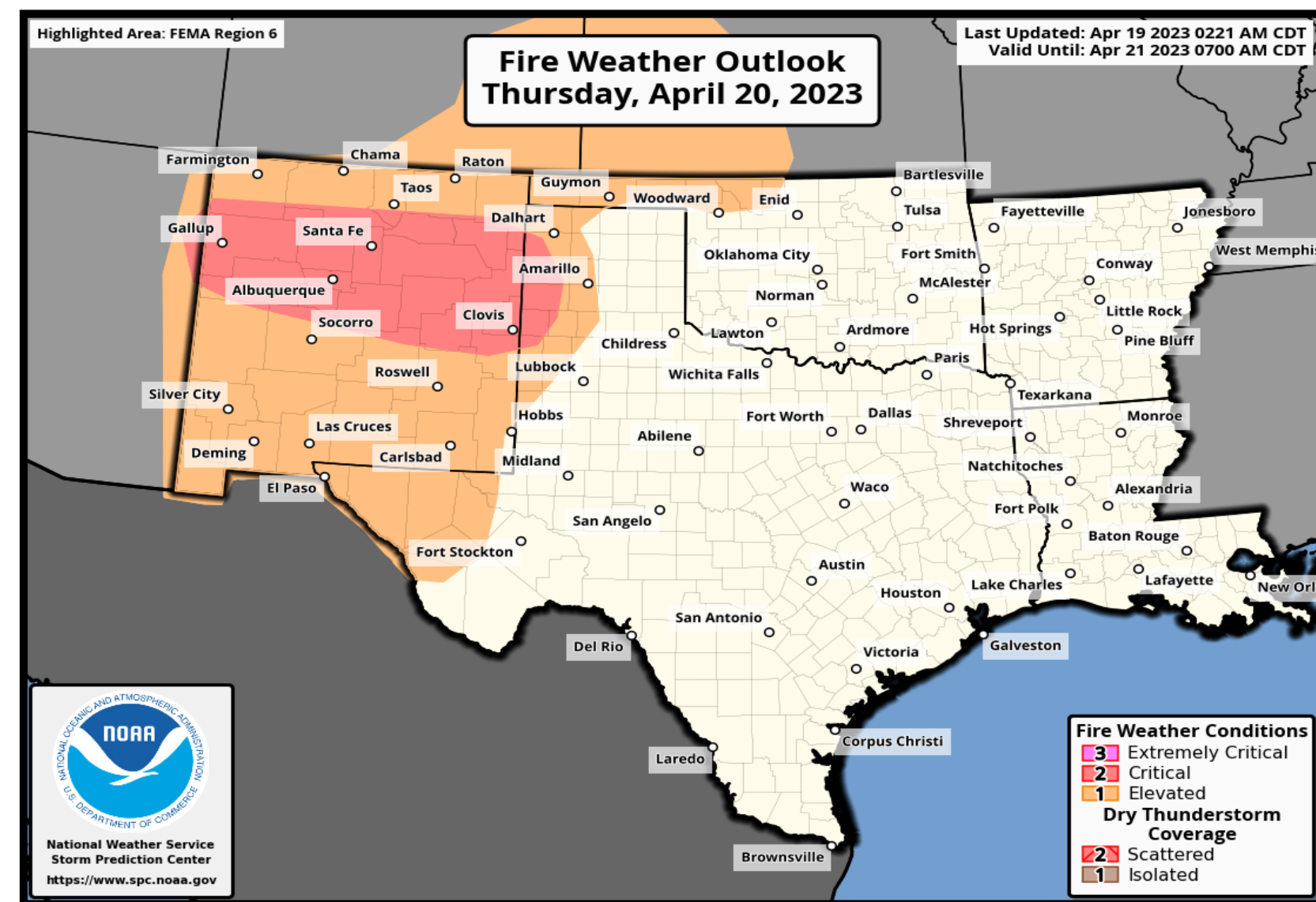
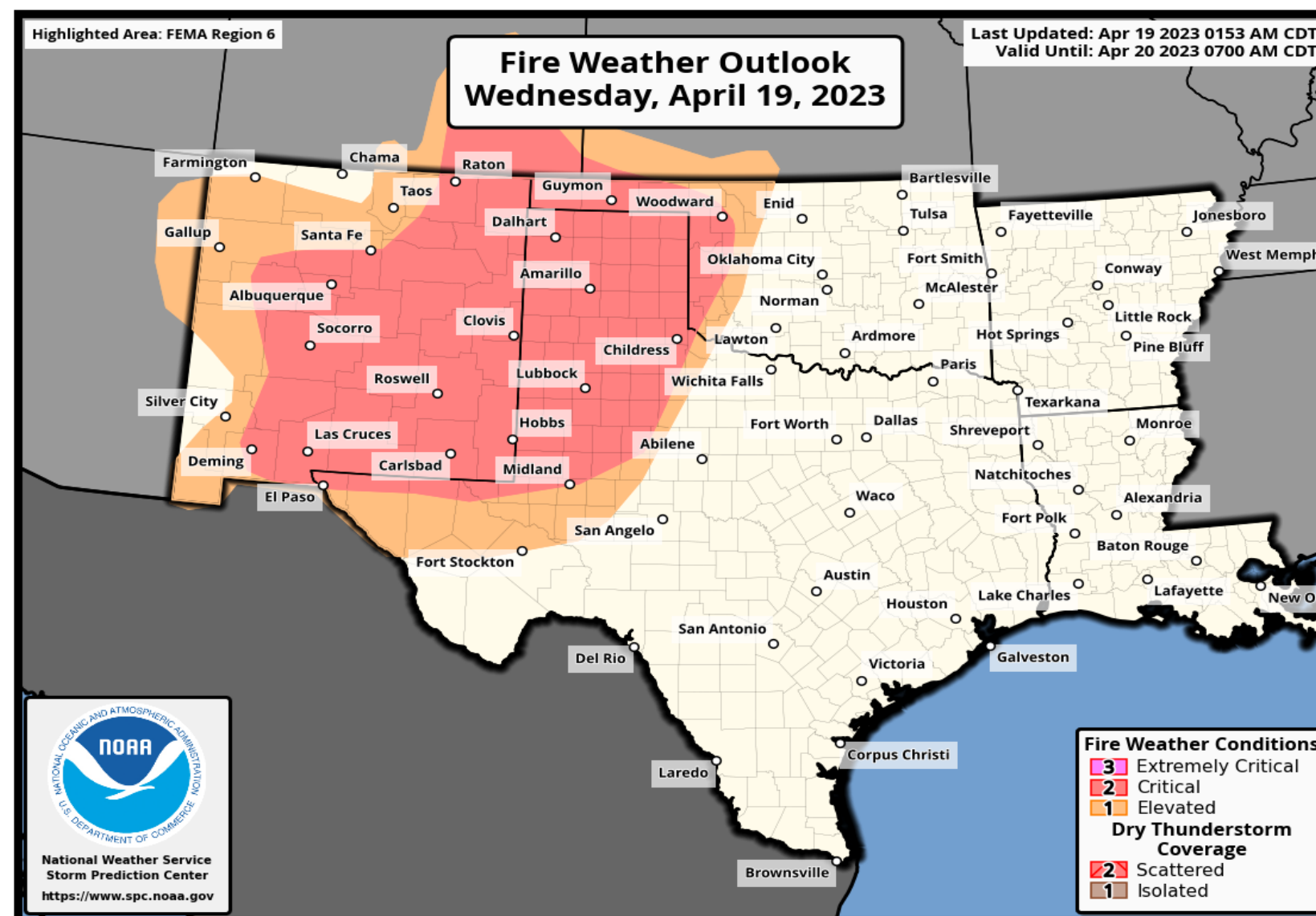
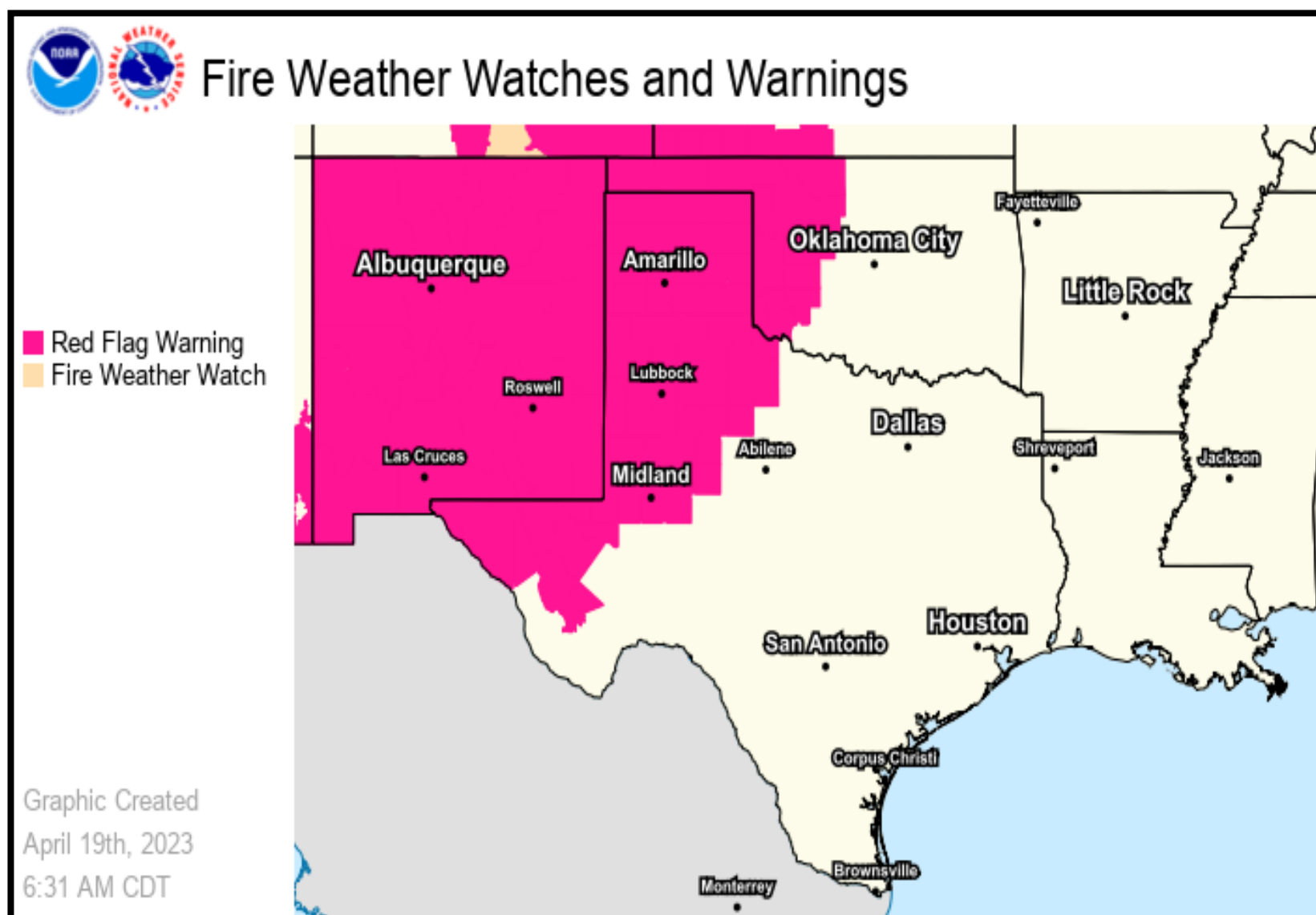






# Fire Weather Outlooks

Note: Days 3-5 only highlight critical areas



Last Updated: 4/19/2023 7:39 AM CT

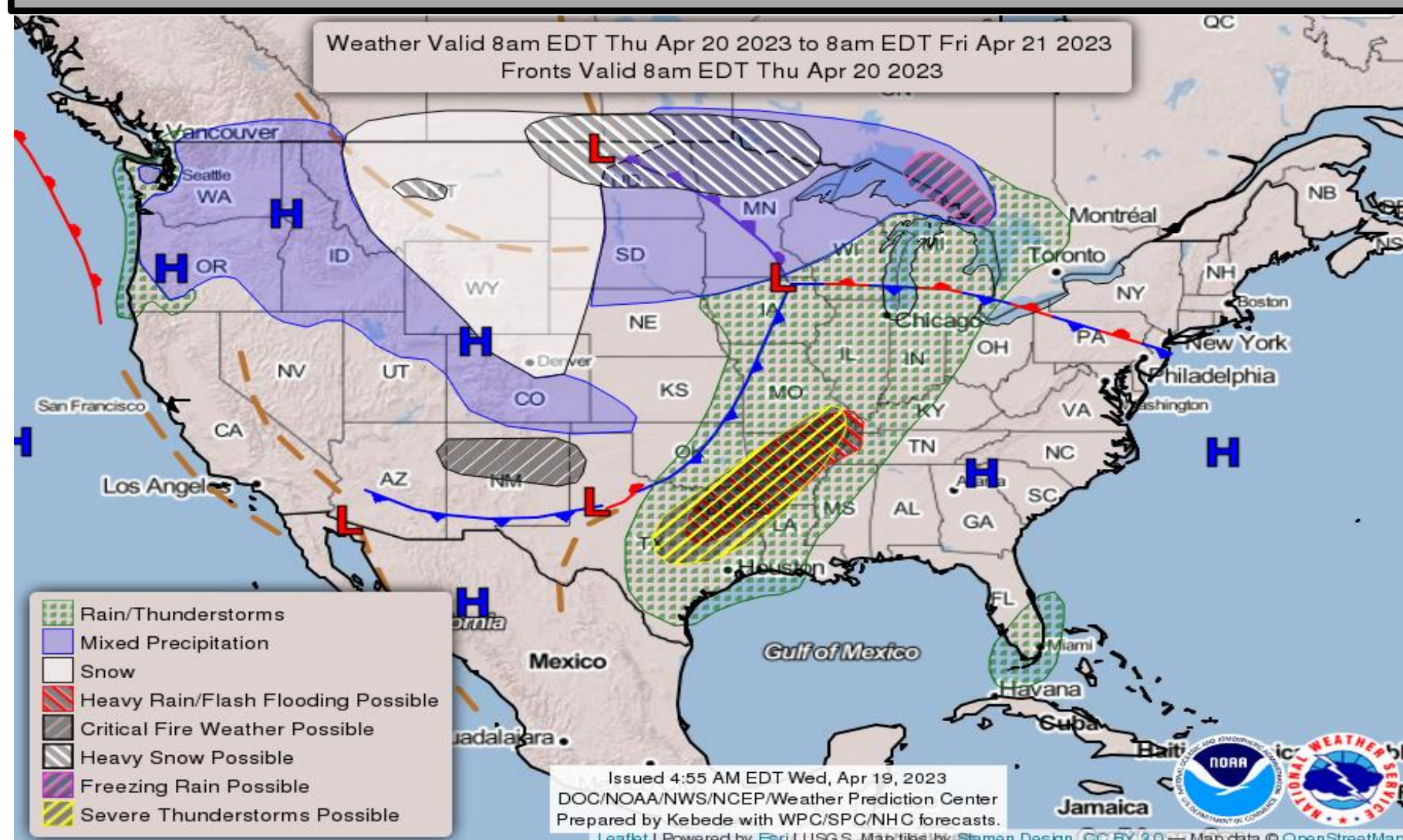
National Weather Service – Southern Region ROC



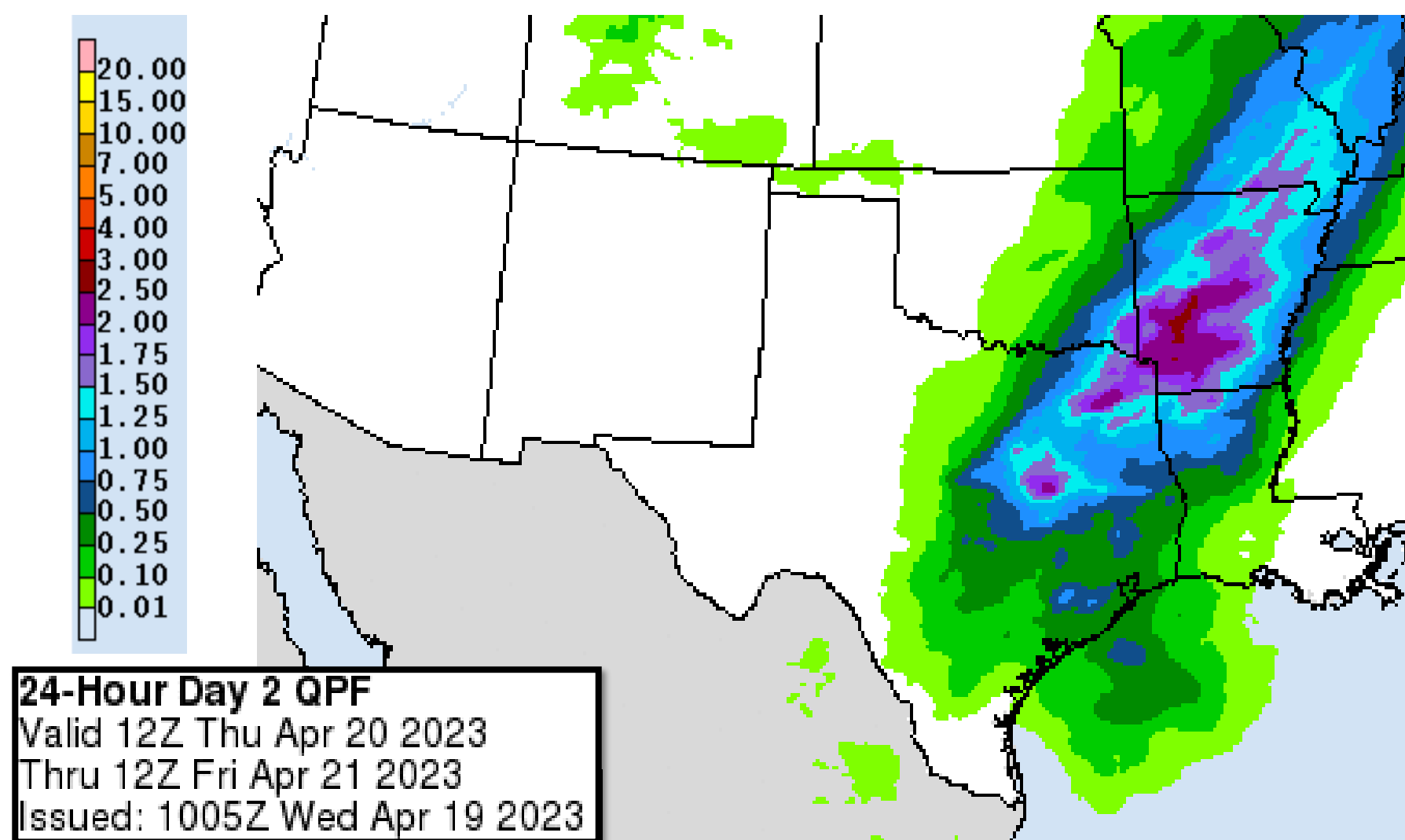


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

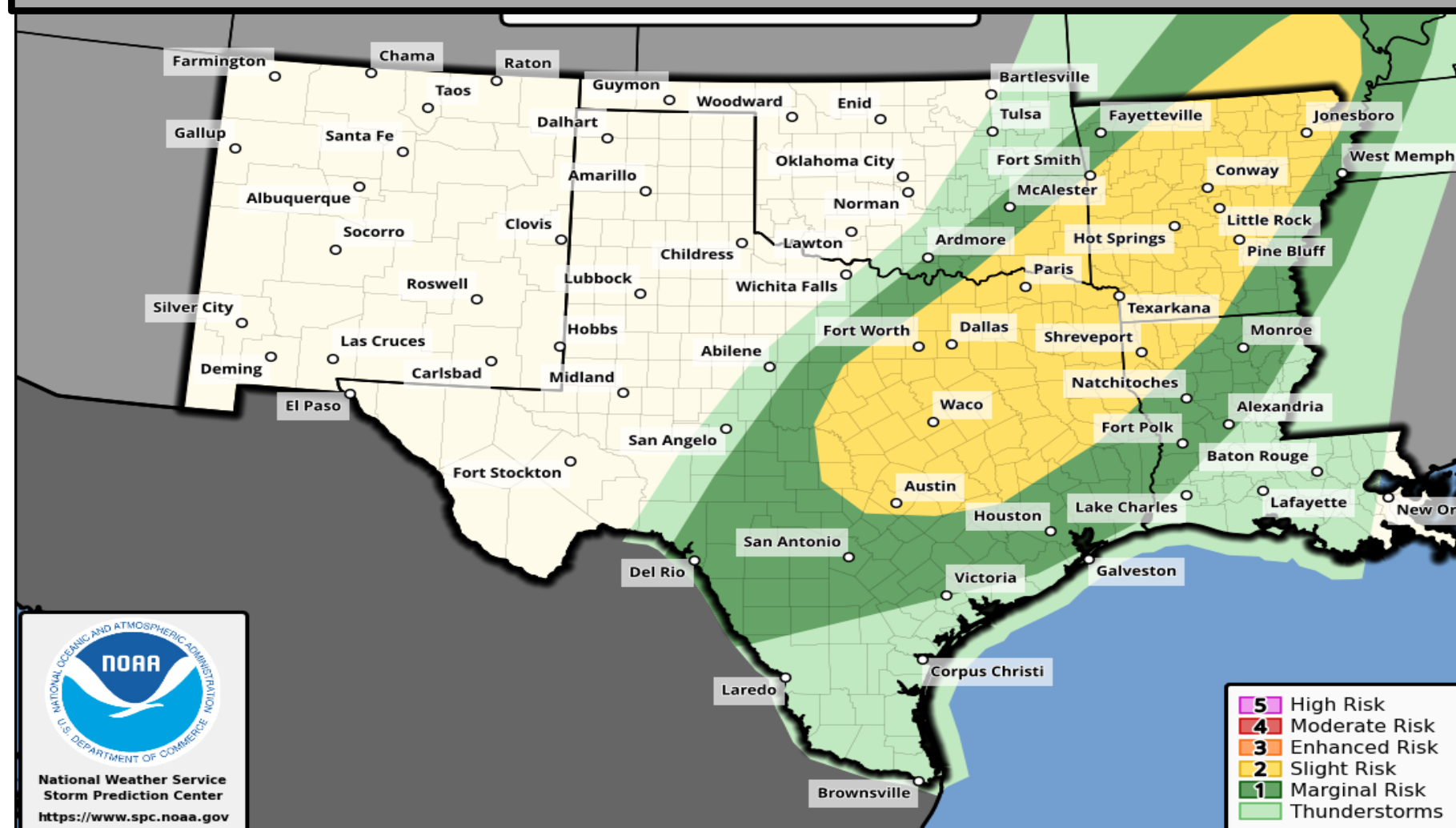


**Scattered severe thunderstorms (large hail 2" or greater/wind) across E/Ctrl TX, AR, NW LA**

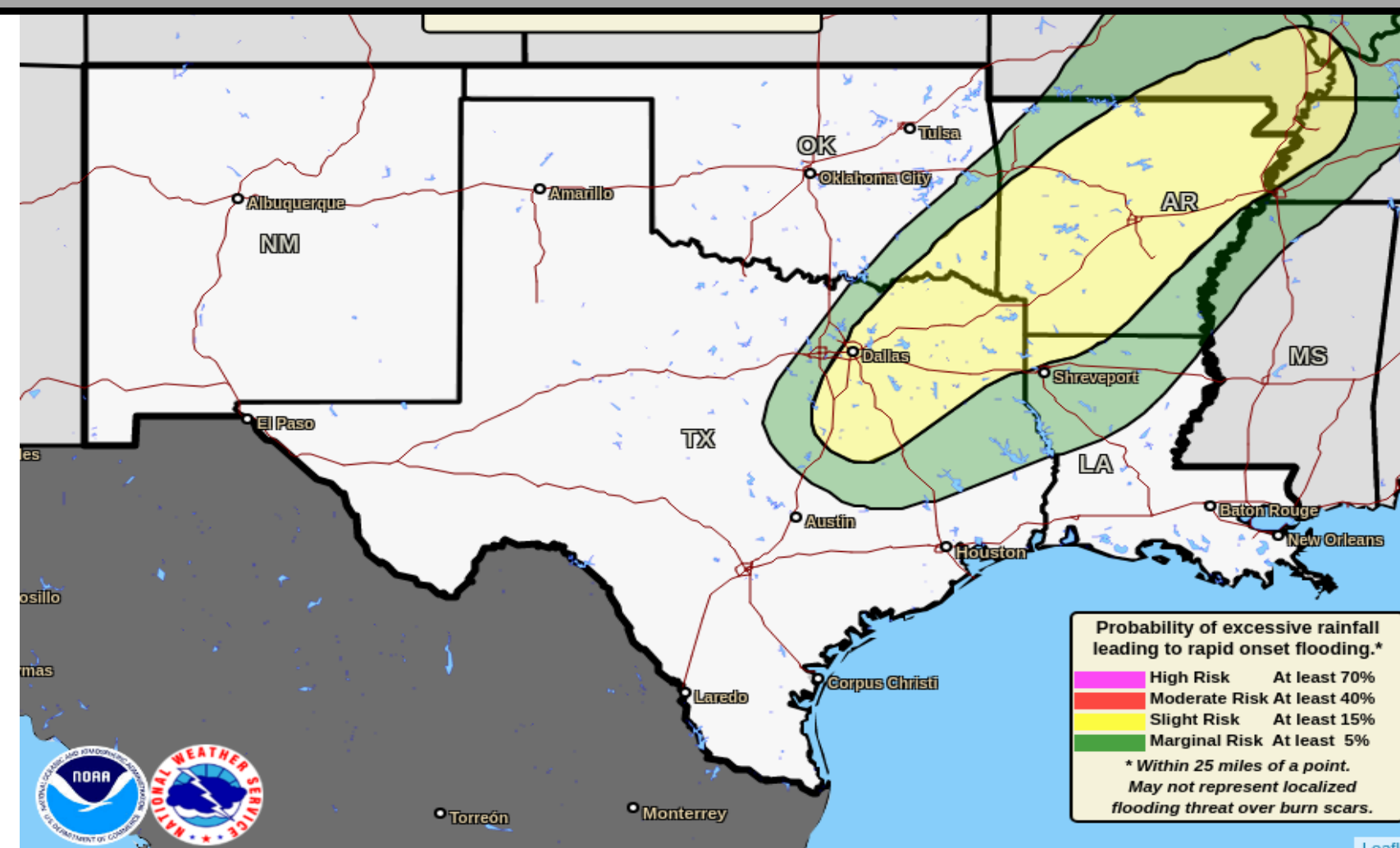
**Locally heavy rainfall may lead to isolated to scattered flash flooding for E TX, AR, SE OK, NW LA**

**Elevated to critical fire weather conditions for NM, W TX**

## Severe Weather Outlook



## Excessive Rainfall Outlook

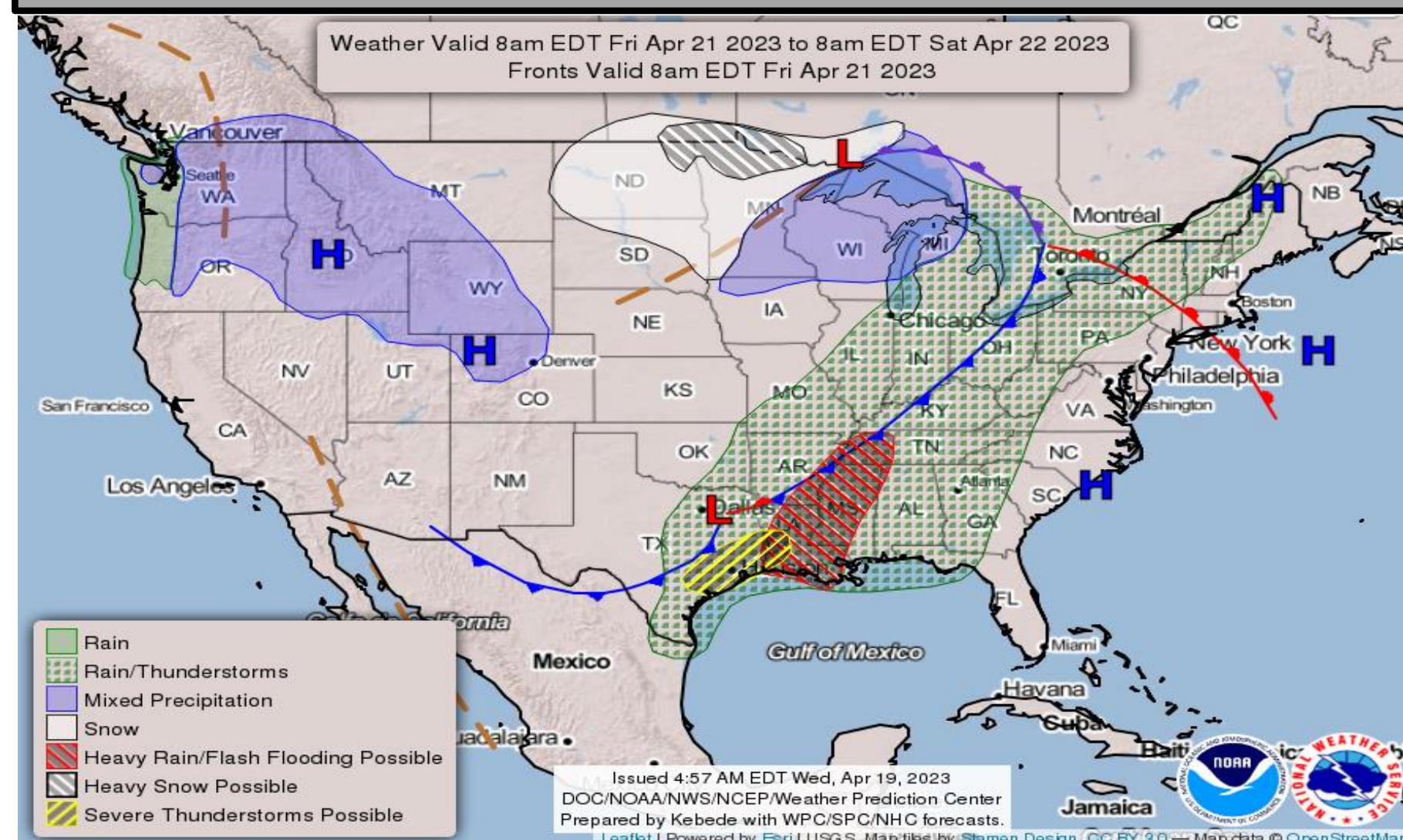




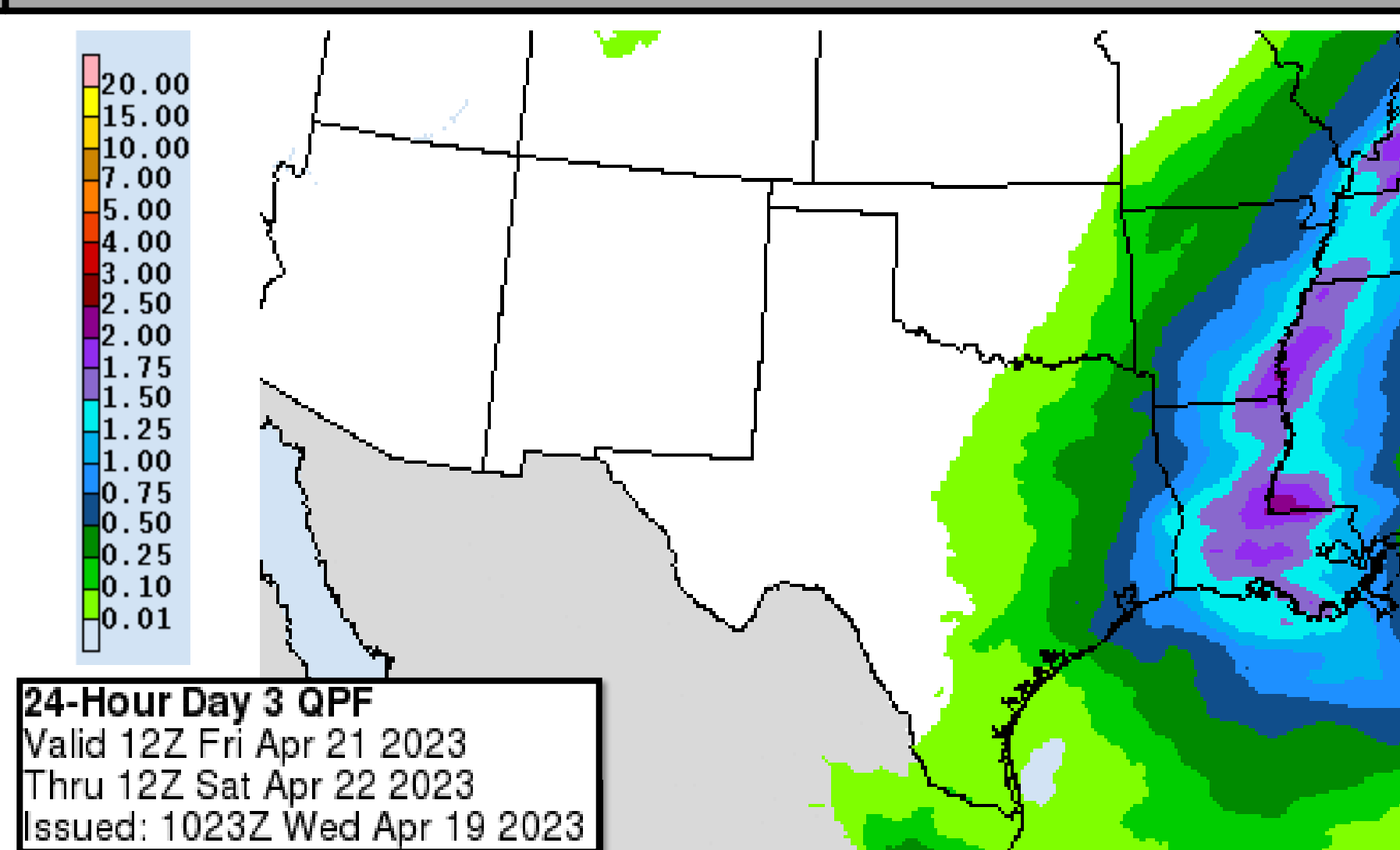


# Friday's Weather

## Forecast Chart



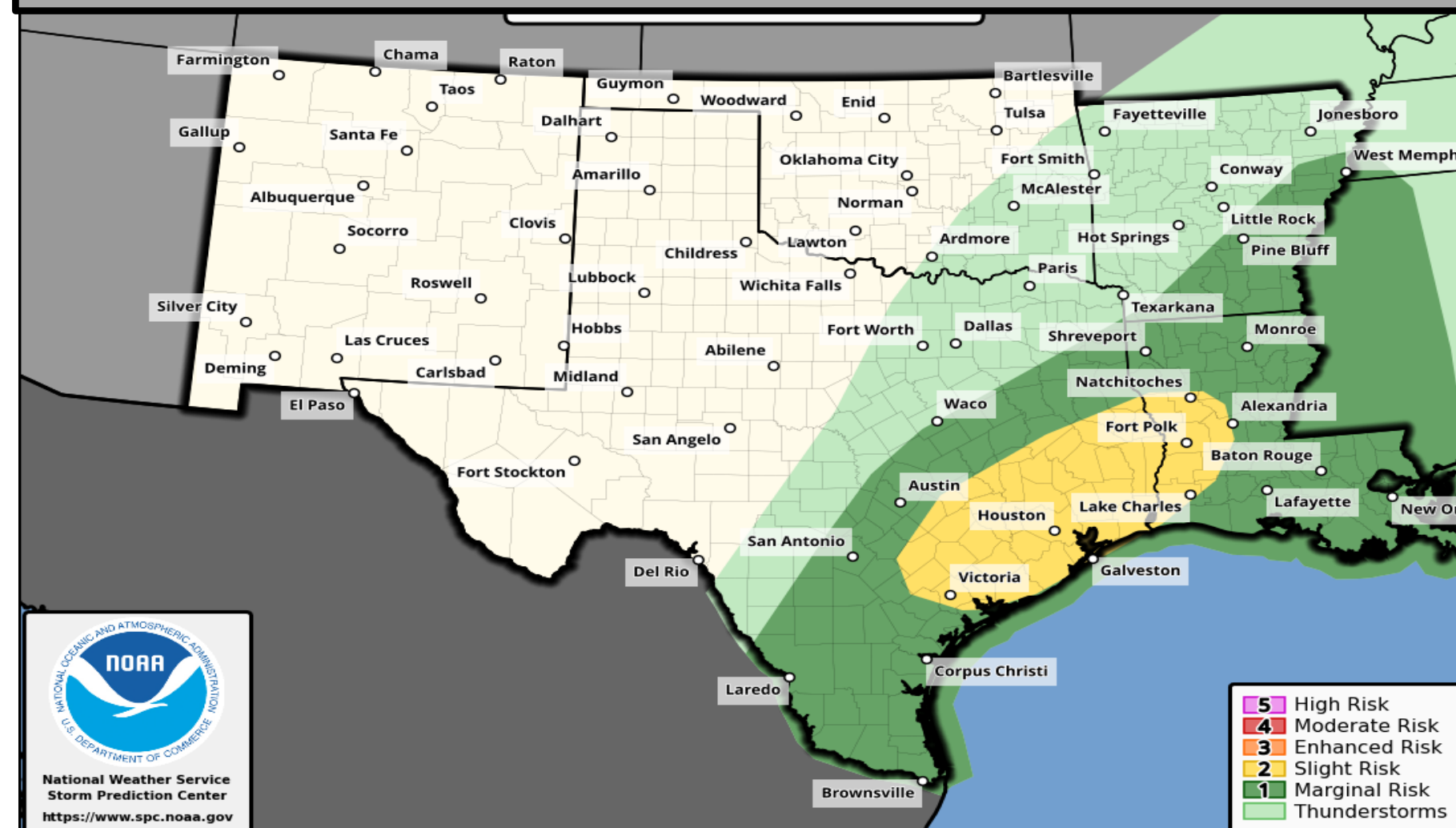
## Forecast Rainfall



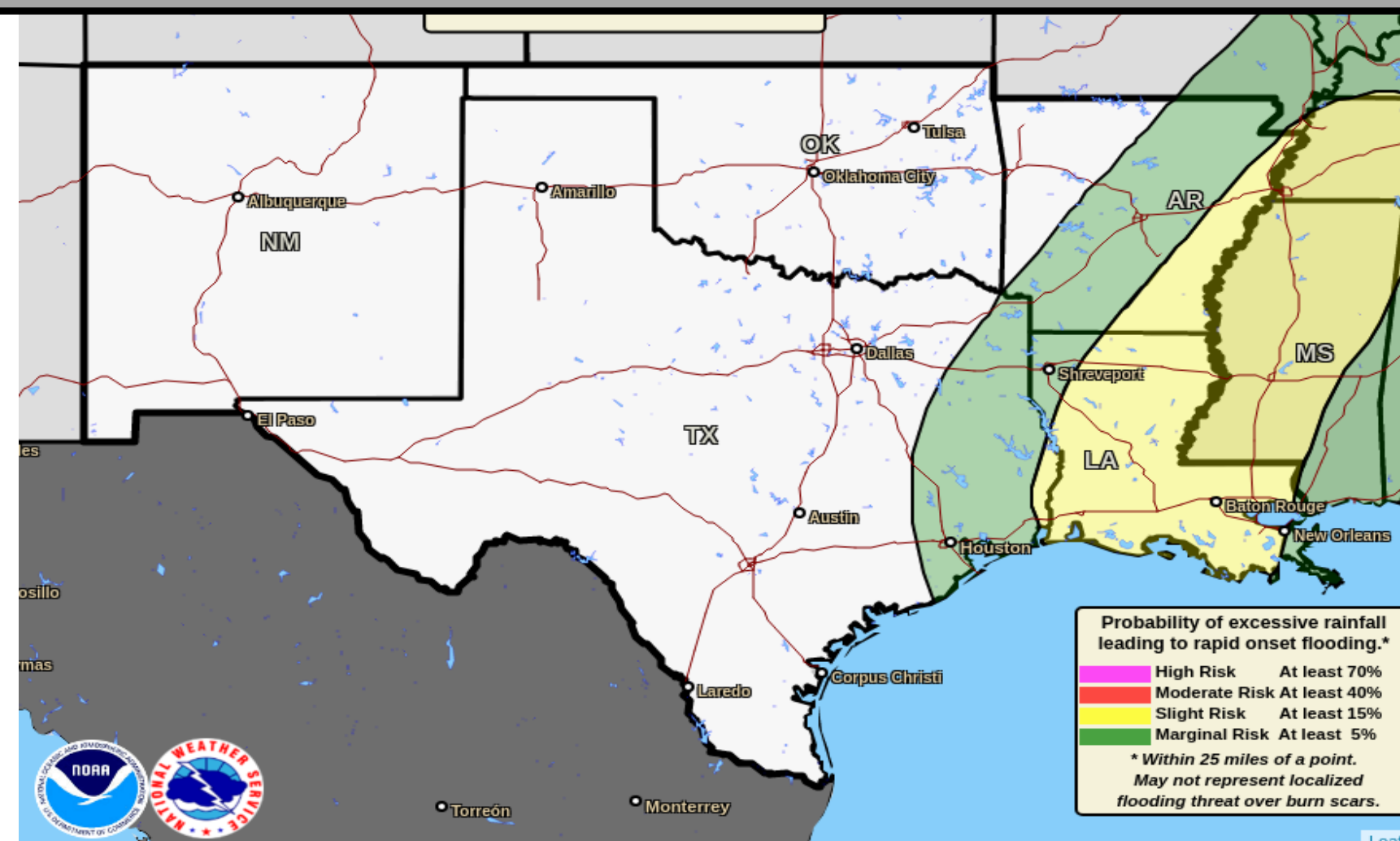
**Scattered severe  
thunderstorms across SE TX,  
SW LA**

**Locally heavy rainfall may lead  
to isolated to scattered flash  
flooding across E TX, LA, SE  
AR**

## Severe Weather Outlook



## Excessive Rainfall Outlook



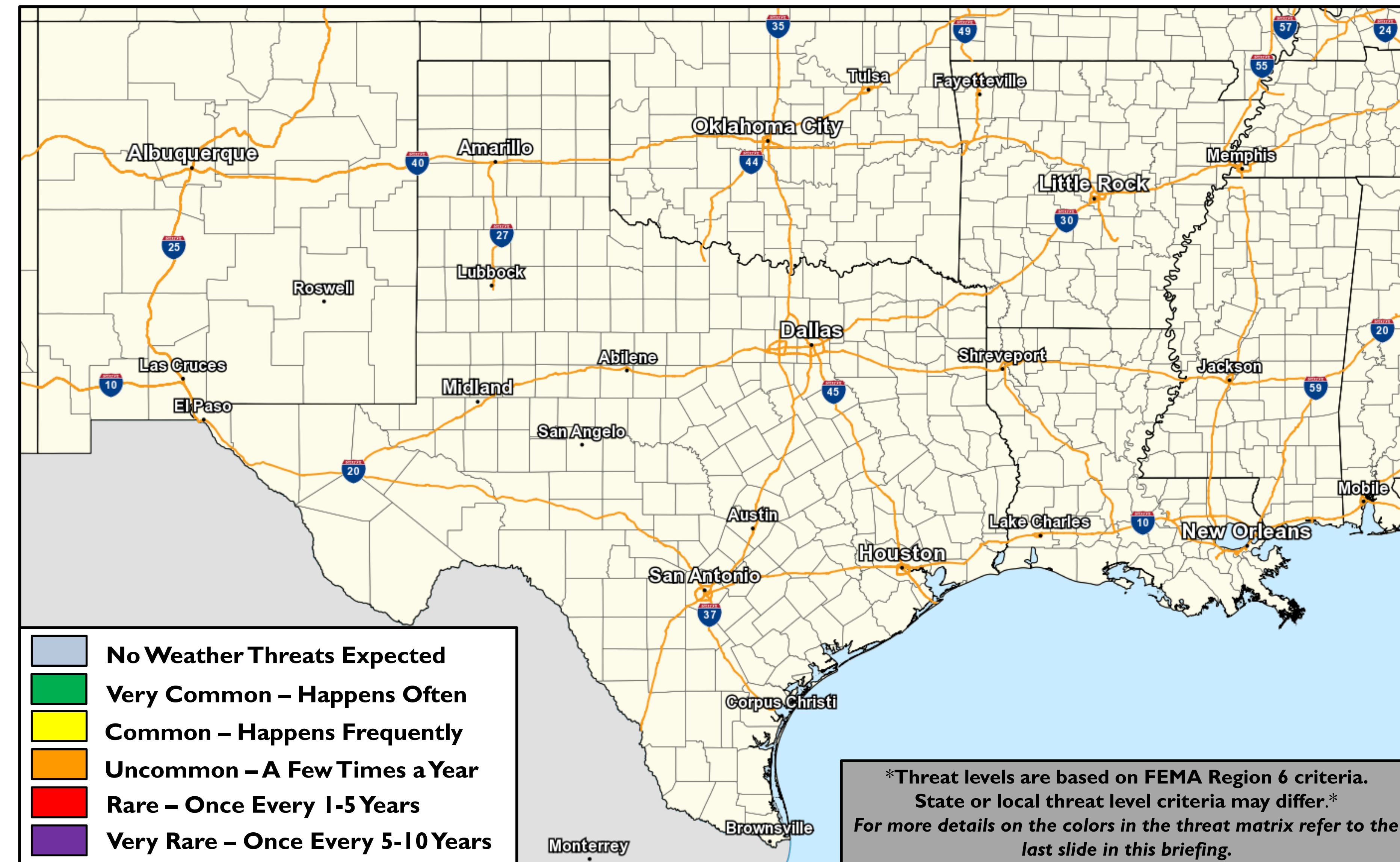




# Days 4-5 Weather Hazards

Saturday - Sunday

No significant weather expected.





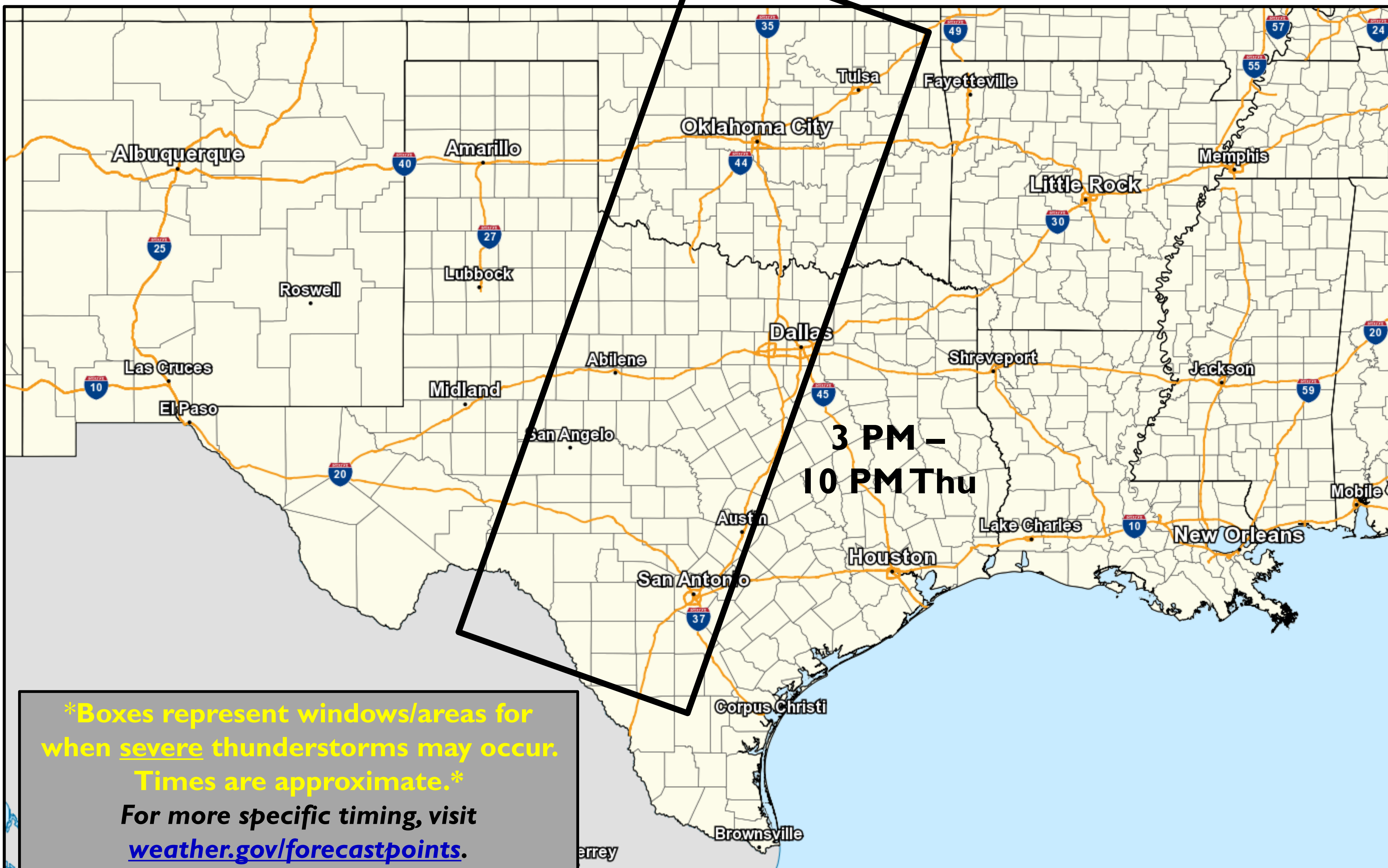


# Hazard Timing: Today

## Severe Thunderstorms

### Today

The most likely timing for severe storms across WTX, E OK today is during the afternoon and evening hours.



\*Boxes represent windows/areas for when severe thunderstorms may occur.

Times are approximate.\*

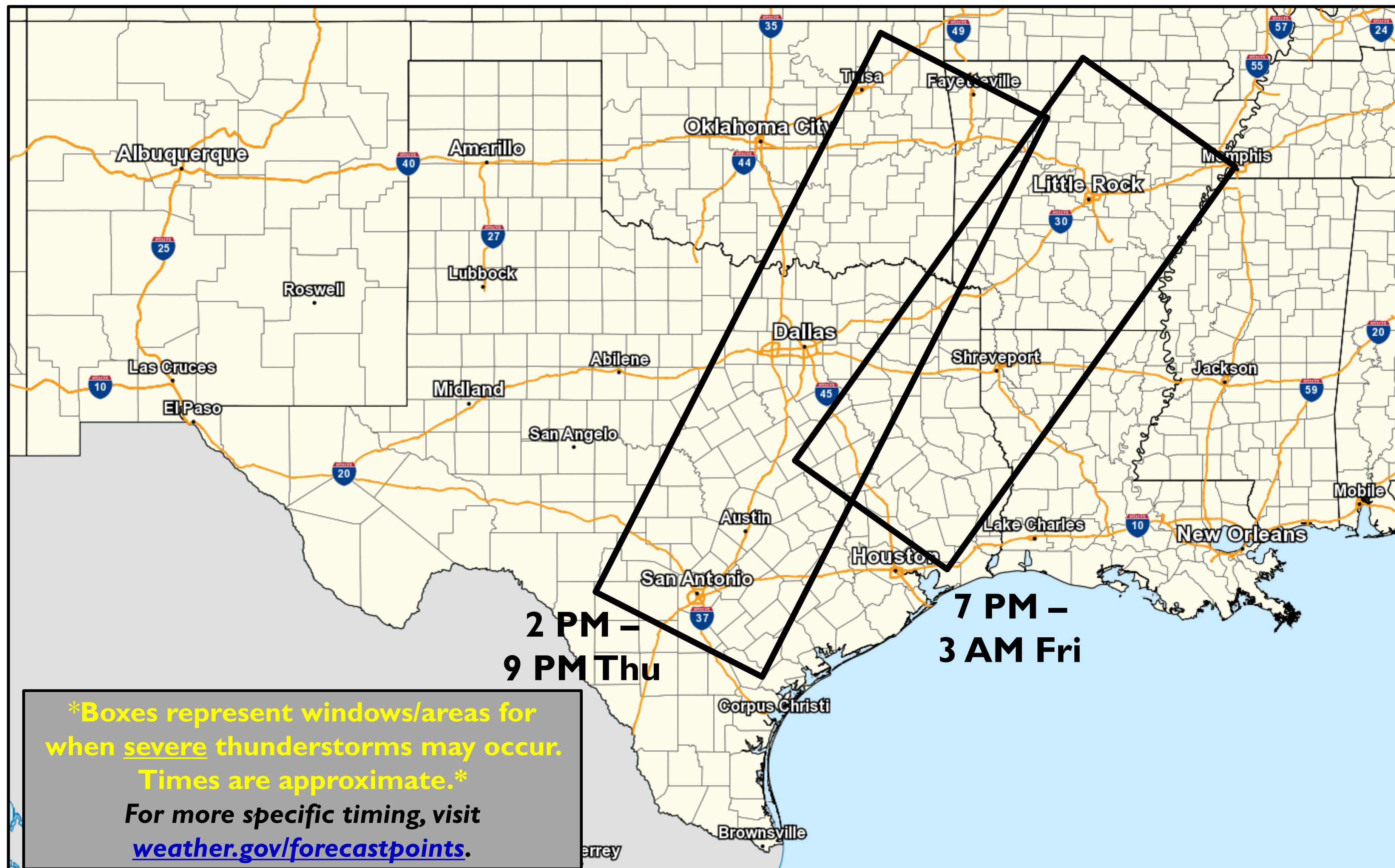
For more specific timing, visit [weather.gov/forecastpoints](https://www.weather.gov/forecastpoints).





# Hazard Timing: Thursday

## Severe Thunderstorms



### Thursday

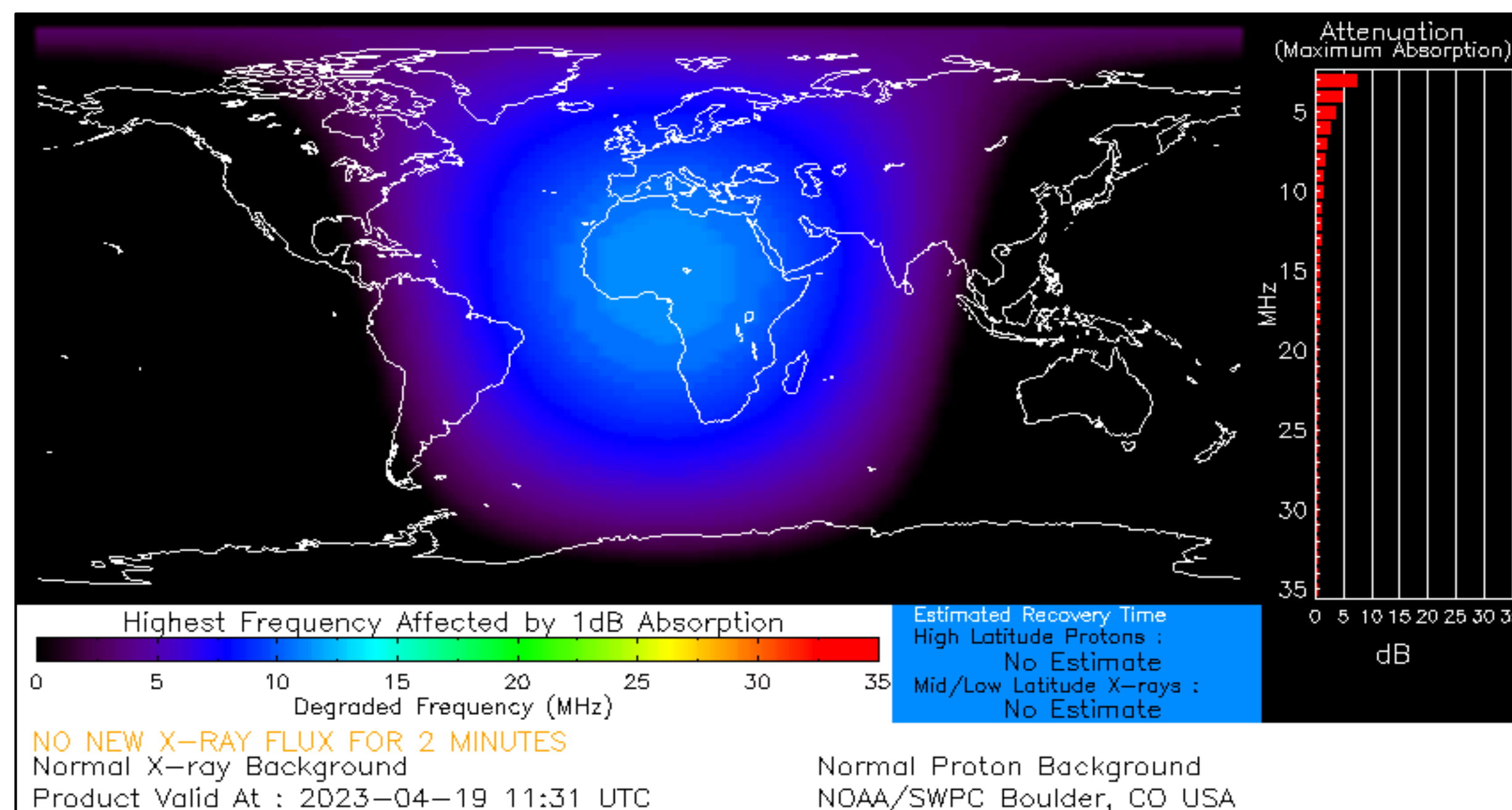
**The most likely timing for severe storms across E TX, E OK, AR, NW LA on Thursday is during the afternoon through evening hours.**





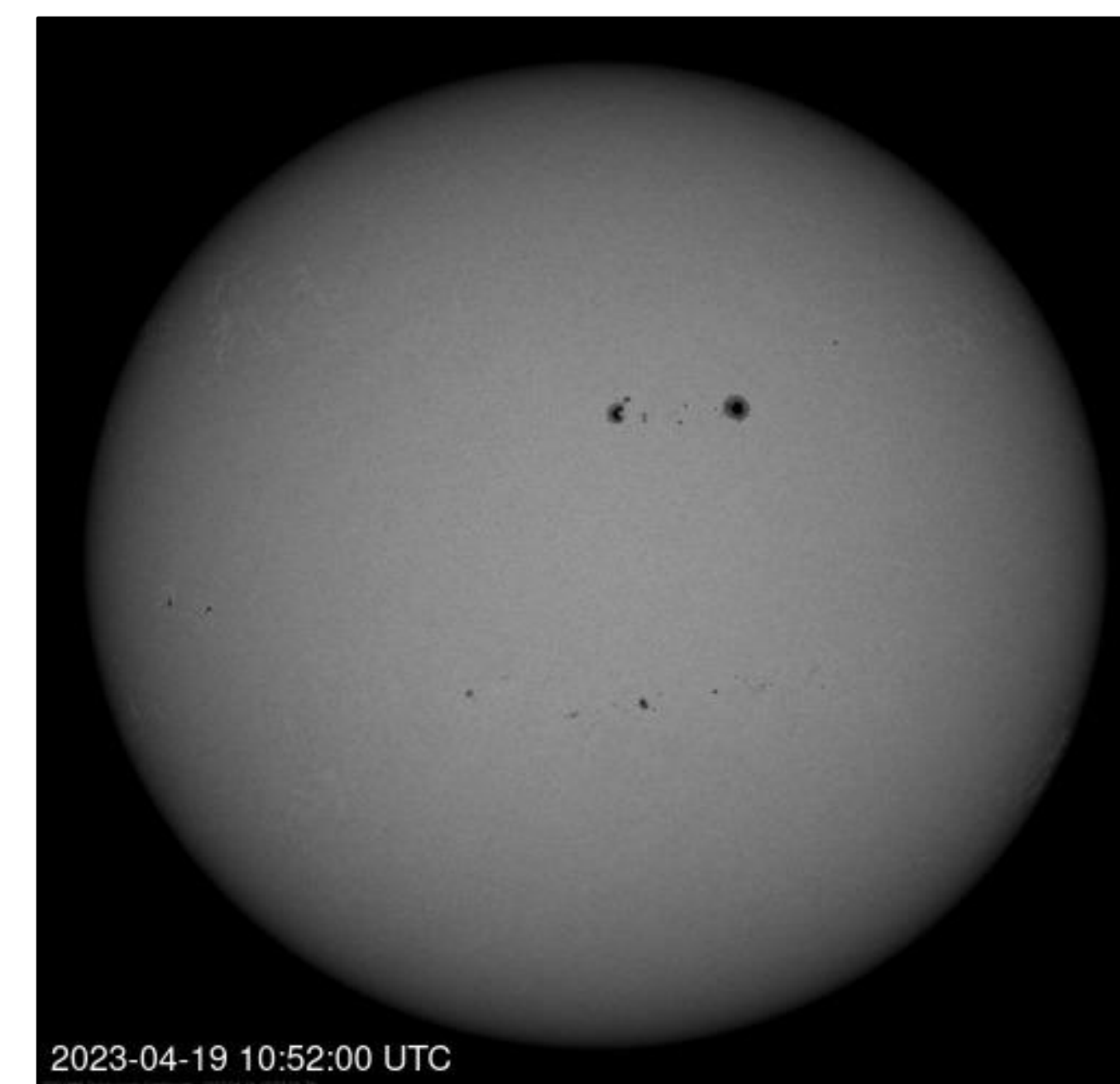
# Space Weather 3-Day Forecast

|                                      | Wednesday                         | Thursday                      | Friday                         |
|--------------------------------------|-----------------------------------|-------------------------------|--------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Unsettled<br/>(Max Kp = 3)</b> | <b>Minor<br/>(Max Kp = 5)</b> | <b>Active<br/>(Max Kp = 4)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>5%</b>                         | <b>5%</b>                     | <b>5%</b>                      |
| <b>Radio Blackout (R1-R2)</b>        | <b>40%</b>                        | <b>40%</b>                    | <b>40%</b>                     |
| <b>Radio Blackout (R3-R5)</b>        | <b>10%</b>                        | <b>10%</b>                    | <b>10%</b>                     |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





## Weather “Threat” Matrix for FEMA Region VI

| Color  | Definition   | Criteria  | Example(s)   |
|--------|--|---|--|
| Green  | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as sea breeze storms in coastal TX</li> </ul>   |
| Yellow | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life  | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>   |
| Orange | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red    | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**